

## ANTENNA SWITCH LAMINATED MODULE COMPOSITE PART

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- European:

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# Abstract of JP2002208873

**PROBLEM TO BE SOLVED:** To provide a small antenna switch laminated module composite part, which does not require special matching circuits or an adjusting process at customer site and is compact and has high performance. **SOLUTION:** The antenna switch laminated module composite part for selecting and operating a plurality of different transmission/reception system is constituted of a branching filter circuit dividing the signals of a plurality of the transmission/ reception systems, a transmission/reception change-over switch circuit for changing over the signal path of a reception signal from the branching filter circuit to a reception path and that of a transmission signal from a transmission circuit to the branching filter circuit, a low-pass filter circuit connected to the transmission circuit side of the transmission/reception change-over switch, a band pass filter connected to the reception circuit side of the transmission/reception change-over switch and an antenna- sharing circuit separating the transmission signal and the reception signal by using the frequency difference, between the reception signal from the branching filter circuit and a transmission signal from the transmission circuit. The branching filter circuit, the transmission/reception change-over switching circuit and the low-pass filter circuit are integrated in a laminated substrate, in a plurality of dielectric layers are laminated.

